

Answer Key

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Why bees are disappearing

TED Lectures

Note-taking Activity

1. One-third of the world's crops is pollinated by bees.
2. No, in some countries people do the work of pollination with a paintbrush.
3. They can vibrate to extract the pollen.
4. There are over 20,000 species of bees.
5. They are social insect that lives in a complex society.
6. There are between 40,000 – 50,000 honeybees in a hive?
7. They identify and dispose of sick bees and they use resins/propolis in the hive as an antibiotic.
8. Bees have been on the Earth for more than 50 million years.
9. If bees die off, the world will be flowerless and the food system will be affected.
10. Three main things happened after WWII which affected bees: changes in farming practices from cover crops to synthetic fertilizers: the use of herbicides: the use of pesticides which bees come in contact with through the collection of pollen.
11. When the bee collects the pollen of plants which have been treated with this pesticide they often die or get disoriented.
12. People can save bees by planting bee friendly plants and not using pesticides.